

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A method comprising:

receiving primary content data at a set-top system from a primary external source, including at least one tag value identifying a piece of a first portion of subsidiary data as being associated with a time segment of the primary content data;

~~generating an output signal including the primary content data for displaying on a display coupled to the set-top system;~~

~~accessing a storage of the set-top system including storing the subsidiary data, the subsidiary data independent of and complementary to supplementing the primary content data, the storage having a plurality of portions of the subsidiary data, including each including a the piece of the first portion of the subsidiary data and an identifier that indicates the primary content data associated with the subsidiary data the tag value, using the identifier included in the primary content data to obtain the piece of the subsidiary data associated with the primary content data~~ the accessing including retrieving the piece of the first portion of the subsidiary data based on the tag value; and

~~generating the an output signal including the primary content data and the associated piece of the first portion of the subsidiary data for display on the a display coupled to the set-top system, with the piece being displayed concurrently with the primary content data during the time segment.~~

2. (Currently Amended) The method of claim 1, further comprising:

receiving the subsidiary data corresponding to a program of the primary content data from the primary external source prior to beginning receipt of the program primary content data; and

storing the subsidiary data corresponding to the program locally in the storage.

3. (Previously Presented) The method of claim 2, wherein obtaining subsidiary data comprises obtaining the subsidiary data from a local nonvolatile storage medium of the set-top system.

4.-5. (Cancelled)

6. (Original) The method of claim 1, wherein the primary content data comprises data of at least one of a television broadcast, a digital satellite broadcast, an Internet broadcast, and an audio-only broadcast.

7. (Previously Presented) The method of claim 1, further comprising determining the identity of the primary content data currently displayed via reading an identifier included with the primary content data.

8. (Cancelled)

9. (Previously Presented) The method of claim 1, further comprising retrieving the subsidiary data from a remote server.

10. (Currently Amended) The method of claim 1, wherein the piece of the first portion of the subsidiary data comprises at least one of reference information regarding a program of the primary content data, biographical information regarding actors, guests or participants of a program of the primary content data.

11.-12. (Cancelled)

13. (Currently Amended) A machine-readable medium having stored thereon instructions which, when executed by a set-top system, cause the set-top system to perform operations comprising:

receiving primary content data at the set-top system from a primary external source, including at least one tag value identifying a piece of a first portion of subsidiary data as being associated with a time segment of the primary content data;

~~generating a display signal to cause a display coupled to the set-top system to display the primary content data;~~

~~accessing a storage database of the set-top system including subsidiary data received from the primary external source prior to receipt of the primary data, the storage database having a plurality of portions each including a piece of the subsidiary data and an identifier that indicates the primary content data associated with the subsidiary data, using the identifier included in the primary content data to obtain the piece of the subsidiary data associated with the primary content data~~
accessing a storage of the set-top system storing the subsidiary data, the storage having a plurality of portions of the subsidiary data, including the piece of the first portion of the subsidiary data and the tag value, the accessing including retrieving the piece of the first portion of the subsidiary data based on the tag value; and

~~generating an output signal including the primary content data and the piece of the first portion of the subsidiary data for displaying on a display coupled to the set-top system, with the piece being displayed concurrently with the primary content data during the time segment~~
generating the display signal to cause the display to display the associated subsidiary data.

14. (Currently Amended) The machine-readable medium of claim 13, wherein the instructions further comprise instructions causing the set-top system to perform operations comprising:

~~storing the subsidiary data corresponding to the program locally in the set-top system.~~

15. (Currently Amended) The machine-readable medium of claim 14, wherein the instructions ~~for obtaining subsidiary data comprises~~ instructions causing the set-top system to perform operations comprising obtaining the subsidiary data from a local

nonvolatile storage medium.

16.-17. (Cancelled)

18. (Currently Amended) The machine-readable medium of claim 13, wherein the instructions further comprise instructions causing the set-top system to perform operations comprising reading an identifier associated with the primary content data to identify ~~to identify~~ the primary content data.

19. (Cancelled)

20. (Previously Presented) The machine-readable medium of claim 13, wherein the instructions comprise instructions causing the set-top system to perform operations comprising retrieving the subsidiary data from a remote server.

21. (Currently Amended) The machine-readable medium of claim 13, wherein the piece of the first portion of the subsidiary data comprises at least one of reference information regarding a program of the primary content data, biographical information regarding the actors, guests or participants of a program of the primary content data.

22. (Currently Amended) The machine-readable medium of claim 18, wherein the instructions for ~~determining the identity of the primary content data~~ reading the identifier are performed in response to a change in the primary content data currently displayed.

23.-25. (Cancelled)

26. (Currently Amended) The ~~entertainment set-top~~ system of claim ~~4032~~, wherein the storage device comprises a local nonvolatile storage medium.

27.-28. (Cancelled)

29. (Currently Amended) The ~~entertainment~~~~set-top~~ system of claim 3240, wherein the storage database includes an identification of a remote server from which subsidiary data may be retrieved and wherein the ~~second-controller is operative to request retrieval of the subsidiary data from the identified remote server.~~

30. (Currently Amended) The ~~set-top~~~~entertainment~~ system of claim 3240, wherein the ~~piece of the first portion of the~~ subsidiary data comprises at least one of reference information regarding a program of the primary content data, biographical information regarding the actors, guests or participants of a program of the primary content data.

31. (Currently Amended) The ~~set-top~~~~entertainment~~ system of claim 3240, wherein the ~~second-controller is operative to determine the identity of the primary content data in response to a change in the primary content data currently displayed.~~

32. (Currently Amended) An entertainment system comprising:
a data receiver to receive primary content data from a first external source,
~~including at least one tag value identifying a piece of a first portion of subsidiary data as being associated with a time segment of the primary content data;~~
a storage database to store subsidiary data ~~independent of and~~
~~complementary~~~~supplemental~~ to the primary content data received from the first external source prior to receipt of the primary content data, the storage database ~~including a plurality of portions of the subsidiary data, including the piece of the first portion of the subsidiary data and the tag value~~~~including a plurality of portions each including an identifier that indicate the associated primary content data and a piece of the subsidiary data;~~ and
a controller ~~coupled to the data receiver and the storage database to retrieve the piece of the first portion of the subsidiary data based on the tag value~~~~determine whether subsidiary data corresponding to the currently displayed primary content data exists in the storage database using the identifier included in the primary content data identity,~~

and to obtain the piece of the first portion of the subsidiary data for display synchronous to the~~with the~~ primary content data, with the piece to be displayed concurrently with the~~primary content data during the time segment.~~

33. (Currently Amended) The entertainment system of claim 32 further comprising a second controller coupled to the controller to combine the primary content data with the piece of the first portion of the subsidiary data and forward the combined data to a display.

34. (Currently Amended) The entertainment system of claim 32 wherein the controller is further configured to receive ~~provide and store~~ received the subsidiary data ~~to in~~ the storage database.

35. (Previously Presented) The entertainment system of claim wherein the controller is to allow a user to interact with the storage database.

36. (Previously Presented) The entertainment system of claim 32 wherein the controller is to allow a user to access a programming guide.

37. (Previously Presented) The entertainment system of claim 32 wherein the controller is to allow a user to toggle enablement of the subsidiary data.

38. (Currently Amended) The method of claim 7, further comprising obtaining the ~~associated~~ subsidiary data based on a second identifier associated with the primary content data.

39.-40. (Cancelled)